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PTO/SB/01 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	EUN-KAIST
	<b>First Named Inventor</b>	Dai Gil Lee
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	TBA
	<b>Filing Date</b>	Herewith
	<b>Group Art Unit</b>	Unknown
	<b>Examiner Name</b>	Unknown

As a below named inventor, I hereby declare

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

POLYMER COMPOSITE SQUIRREL CAGE ROTOR WITH HIGH MAGNETIC PERMEABILITY  
FILLER OF INDUCTION MOTOR AND METHOD OF MAKING IT

the specification of which (Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International

Application Number [TBA] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
1999-49704 2000-04587	KR KR	10 November 1999 31 January 2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
None		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U. S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
None		

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Thomas R. FitzGerald	26,730	Ronald S. Kareken	20,573
Lee J. Fleckenstein	36,136	Laurence S. Roach	45,044
Ronald J. Kisicki	38,205	Stephen J. Sand	34,716

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:

☐ Customer Number or  
Bar Code Label

OR ☒ Correspondence address below

Name	Thomas R. FitzGerald, Esq.						
Address	JAECKLE FLEISCHMANN & MUGEL, LLP						
Address	39 State Street						
City	Rochester			State	NY	ZIP	14614-1310
Country	USA	Telephone	(716) 262-03640		Fax	(716) 262-4133	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle if any)				Family Name or Surname			
Dai Gil				Lee			
Inventor's Signature						Date	
Residence: City	Taejon	State		Country	Rep. of Korea	Citizenship	Korean
Post Office Address	107-302 Samsung Hanwool, Apartment 160-1 Sinsebn-gong, Yusong-gu						
Post Office Address							
City	Taejon	State		ZIP	305-345	Country	Rep. of Korea

☐ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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## DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Seung Hwan				Chang			
Inventor's Signature					Date		
Residence: City		Taejon	State		Country	Rep. of Korea	Citizenship
Post Office Address		Department of Mechanical Engineering of Korea Advanced Intsitute of Science and Technology					
Post Office Address		373-1 Kusong-dong, Yusong-gu					
City		Taejon	State		ZIP	305-701	Country
						Rep. of Korea	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature					Date		
Residence: City			State		Country		Citizenship
Post Office Address							
Post Office Address							
City			State		ZIP		Country
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature					Date		
Residence: City			State		Country		Citizenship
Post Office Address							
Post Office Address							
City			State		ZIP		Country

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PATENT  
EUN-KAIST

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:	Dai Gil Lee, et al.	)	Examiner:
		)	Unknown
Application No. :	TBA	)	
		)	
Filing Date:	Herewith	)	Art Unit:
		)	Unknown
For:	POLYMER COMPOSITE SQUIRREL CAGE	)	
	ROTOR WITH HIGH MAGNETIC	)	
	PERMEABILITY FILLER FOR INDUCTION	)	
	MOTOR AND METHOD OF MAKING IT	)	

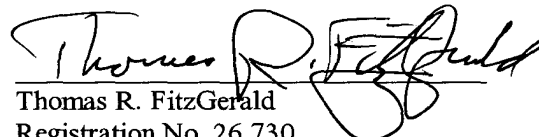
**SMALL ENTITY CERTIFICATION**  
**PURSUANT TO CFR § 1.27 & 1.28**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I, Thomas R. FitzGerald, hereby certify that Korea Advanced Institute of Science and Technology located at 373-1 Kusong-dong, Yusong-gu, Taejon 305-705, Republic of Korea is a national university assisted by the government and qualifies for small entity status pursuant to CFR § 1.27 & 1.28.

Dated: 11/9/00

  
Thomas R. FitzGerald  
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